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	Application No.	Applicant(s)
Notice of Allowability	10/797,888	PARASCHIV ET AL.
	Examiner	Art Unit
	Lan Vinh	1765
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED or other appropriate completers. This application is	in this application. If not included nunication will be mailed in due course. THIS
1.   This communication is responsive to   Amendment filed on the second	<u>6/2/2006</u> .	
2. X The allowed claim(s) is/are <u>1-3,11,17,18,21-25,33,39,40 ar</u>	nd 43-50,52-65, 67-78.	
<ol> <li>Acknowledgment is made of a claim for foreign priority ur</li> <li>a) All b) Some* c) None of the:</li> <li>1. Certified copies of the priority documents have</li> <li>2. Certified copies of the priority documents have</li> <li>3. Copies of the certified copies of the priority documents have international Bureau (PCT Rule 17.2(a)).</li> <li>* Certified copies not received:</li> </ol> Applicant has THREE MONTHS FROM THE "MAILING DATE"	e been received. heen received in Applica cuments have been receiv	tion No red in this national stage application from the
noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	IENT of this application.	
<ol> <li>A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give</li> </ol>		
5. CORRECTED DRAWINGS ( as "replacement sheets") mus	st be submitted.	•
(a)  including changes required by the Notice of Draftspers	on's Patent Drawing Revi	ew ( PTO-948) attached
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date		
(b) including changes required by the attached Examiner's Paper No./Mail Date	s Amendment / Comment	or in the Office action of
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t		
<ol> <li>DEPOSIT OF and/or INFORMATION about the depo- attached Examiner's comment regarding REQUIREMENT</li> </ol>		
Attachment(s)		
1.  Notice of References Cited (PTO-892)	5. Notice of	Informal Patent Application (PTO-152)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)		Summary (PTO-413), b./Mail Date <u>070606</u> .
<ol> <li>Information Disclosure Statements (PTO-1449 or PTO/SB/08 Paper No./Mail Date 022306</li> </ol>		s Amendment/Comment
Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. 🛭 Examiner	's Statement of Reasons for Allowance
	9.  Other	·
	•	Lan Vinh AU 1765

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## **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Rose Thiessen on 8/10/2006.

The application has been amended as follows:

Claims 51, 66 have been canceled

## Allowable Subject Matter

2. Claims 1-3, 11, 17-18, 21-25, 33, 39-40, 43-50, 52-65, 67-78 allowed.

The following is an examiner's statement of reasons for allowance:

Regarding claims 1, 23, the cited prior art of record, taken alone or in combination, fails to disclose or suggest a method for selectively removal of a high-k material from a substrate comprises a step of contacting the high-k material with a solution comprising HF at a concentration of from about 0.05 M, ethanol at a concentration of about 80%, and HCl at a concentration of about 20%, whereby the high-k material is selectively removed from the substrate, in combination with the rest of the limitations of claims 1, 23. Regarding claims 47, 62, the cited prior art of record, taken alone or in combination, fails to disclose or suggest a method for selectively removal of a high-k material from a substrate comprises a step of contacting the high-k material with a solution comprising

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HF at a concentration of from about 0.04 M to about 0.06 M, an alcohol at a concentration greater than or equal to about 50%, and HCl at a concentration of from about 10% to about 30%, whereby the high-k material is selectively removed from the substrate, , in combination with the rest of the limitations of claims 47, 62

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

## Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lan Vinh whose telephone number is 571 272 1471. The examiner can normally be reached on M-F 8:30-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nadine Norton can be reached on 571 272 1465. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

August 14, 2006